

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pAH-CTX1-rhadCas9

RRID:Addgene_129391

Type: Plasmid

Proper Citation

RRID:Addgene_129391

Plasmid Information

URL: <http://www.addgene.org/129391>

Proper Citation: RRID:Addgene_129391

Insert Name: Burkholderia cenocepacia codon-optimized dCas9

Organism: Synthetic

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:31491085](#)

Vector Backbone Description: Backbone Marker:Andrew Hogan; Backbone Size:7636; Vector Backbone:pAH-CTX1-rha; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Tetracycline

Plasmid Name: pAH-CTX1-rhadCas9

Relevant Mutation: Entire dCas9 codon optimized for the GC-rich B. cenocepacia. See this sequence and that of pAH-CTX1-rhadCas9-native for comparison.

Record Creation Time: 20220422T221719+0000

Record Last Update: 20260808T080731+0000

Ratings and Alerts

No rating or validation information has been found for pAH-CTX1-rhadCas9.

No alerts have been found for pAH-CTX1-rhadCas9.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Diaz B, et al. (2025) Exploring phage-host interactions in Burkholderia cepacia complex bacterium to reveal host factors and phage resistance genes using CRISPRi functional genomics and transcriptomics. Microbiology spectrum, 13(11), e0193625.